

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

Patent No.:

Filed:

Issue Date:

Title:

Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

As assignee of record of each of the patents listed in the table of attachment A,

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given in each of the listed patents are hereby revoked, and

NEW POWER OF ATTORNEY

the following attorneys/agents are hereby appointed to prosecute this patent/application and to transact all business in the Patent and Trademark Office connected therewith: I hereby appoint all attorneys of Thomas, Kayden, Horstemeyer & Risley, LLP, who are listed under the USPTO Customer Number shown below as the attorneys to prosecute this patent/application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Thomas, Kayden, Horstemeyer & Risley, LLP, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number:

15650

Patent Trademark Office

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ASSIGNEE OF ENTIRE INTEREST

BROADCOM CORPORATION

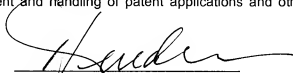
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Irvine, California 92617-3038

ASSIGNEE CERTIFICATION

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same. Further, in my official position with Broadcom Corporation, I am authorized to sign documents and otherwise act on its behalf in connection with the management and handling of patent applications and other intellectual property matters.

Date: _____

9/12/11



Dee Henderson
Director - Intellectual Property Administration
Broadcom Corporation

Attachment A

| No. | Patent No | BD No. / TKHR No. | Patent Title | Issue Date | BD Assign't (Reel/Frame) |
|-----|-----------|-------------------|--|------------|--------------------------|
| 1 | 7634027 | 50227-3120 | METHOD AND SYSTEM FOR INDEPENDENT I AND Q LOOP AMPLITUDE CONTROL FOR QUADRATURE GENERATORS | 12-15-2009 | <u>018764/0055</u> |
| 2 | 7734259 | 50227-3140 | METHOD AND SYSTEM FOR A TRANSMITTER LOFT CANCELLATION SCHEME THAT MAINTAINS A IQ BALANCE | 06-08-2010 | <u>018763/0341</u> |
| 3 | 6459703 | 50227-3130 | MIXED DOCSIS 1.0 TDMA BURSTS WITH SCDMA TRANSMISSIONS ON THE SAME FREQUENCY CHANNEL | 10-01-2002 | <u>022083/0433</u> |
| 4 | 7583143 | 50227-3150 | METHOD AND SYSTEM FOR DIGITALLY CONTROLLING TRANSMITTER GAIN COMPENSATION | 09-01-2009 | <u>018763/0333</u> |
| 5 | 7856215 | 50227-3160 | METHOD AND SYSTEM FOR USING A MULTI-RF INPUT RECEIVER FOR DIVERSITY SELECTION | 12-21-2010 | <u>019086/0570</u> |
| 6 | 7894780 | 50227-3170 | METHOD AND SYSTEM FOR A LINEARIZED TRANSMITTER INCLUDING A POWER AMPLIFIER | 02-22-2011 | <u>019559/0704</u> |
| 7 | 7957704 | 50227-3180 | METHOD AND SYSTEM FOR REDUCING AM/PM DISTORTION IN A POLAR AMPLIFIER | 06-07-2011 | <u>019135/0046</u> |
| 8 | 7840198 | 50227-3190 | METHOD AND SYSTEM FOR PROCESSING SIGNALS IN A HIGH PERFORMANCE RECEIVE CHAIN | 11-23-2010 | <u>019380/0385</u> |
| 9 | 7671685 | 50227-3200 | METHOD AND SYSTEM FOR A LOW POWER FULLY DIFFERENTIAL NOISE CANCELLING LOW NOISE AMPLIFIER | 03-02-2010 | <u>019300/0705</u> |
| 10 | 7701259 | 50227-3210 | METHOD AND SYSTEM FOR WIDE RANGE AMPLITUDE DETECTION | 04-20-2010 | <u>019194/0660</u> |
| 11 | 7640123 | 50227-3220 | METHOD AND SYSTEM FOR DETECTING BLUETOOTH SIGNALS UTILIZING A WIDEBAND RECEIVER | 12-29-2009 | <u>020319/0067</u> |
| 12 | 7907617 | 50227-3230 | METHOD AND SYSTEM FOR PROGRAMMABLE E BANDWIDTH ALLOCATION | 03-15-2011 | <u>020377/0107</u> |
| 13 | 6124899 | 50227-3240 | METHOD AND APPARATUS FOR ENCODING VIDEO COLOR INFORMATION | 09-26-2000 | <u>022083/0433</u> |
| 14 | 6680752 | 50227-3250 | METHOD AND APPARATUS FOR DEINTERLACING VIDEO | 01-20-2004 | <u>022083/0433</u> |
| 15 | 7917114 | 50227-3260 | DC CANCELLATION CIRCUIT | 03-29-2011 | <u>017695/0297</u> |
| 16 | 7792502 | 50227-3280 | METHOD AND SYSTEM FOR MEASURING AND OPTIMIZING INTEGRATED ANTENNA PERFORMANCE | 09-07-2010 | <u>019771/0378</u> |

| No. | Patent No | BD No. / TKHR No. | Patent Title | Issue Date | BD Assign't (Reel/Frame) |
|-----|-----------|----------------------|---|------------|-----------------------------|
| 17 | 7917115 | 50227-3290 | METHOD AND SYSTEM FOR AUTO DETECTING AND AUTO SWITCHING ANTENNAS IN A MULTI-ANTENNA FM TRANSMIT/RECEIVE SYSTEM | 03-29-2011 | <u>019922/0739</u> |
| 18 | 7890986 | 50227-3300 | SYSTEM AND METHOD FOR REDUCING CHANNEL CHANGE TIME | 02-15-2011 | <u>020139/0361</u> |
| 19 | 7953038 | 50227-3310 | METHOD AND SYSTEM FOR ENVIRONMENT CONFIGURATION BY A DEVICE BASED ON AUTO- DISCOVERY OF LOCAL RESOURCES AND GENERATING PREFERENCE INFORMATION FOR THOSE RESOURCES | 05-31-2011 | <u>020972/0490</u> |
| 20 | 7851941 | 50227-3320 | METHOD AND SYSTEM FOR A MULTIPLE OUTPUT CAPACITIVE BUCK/BOOST CONVERTER | 12-14-2010 | <u>021306/0227</u> |
| 21 | 7705683 | 50227-3330 | METHOD AND SYSTEM FOR PROCESSING SIGNALS VIA AN INTEGRATED LOW NOISE AMPLIFIER HAVING CONFIGURABLE INPUT SIGNALING MODE | 04-27-2010 | <u>021470/0599</u> |
| 22 | 6763390 | 50227-3340 | METHOD AND SYSTEM FOR RECEIVING AND FRAMING PACKETIZED DATA | 07-13-2004 | <u>022083/0433</u> |
| 23 | 6828987 | 50227-3350 | METHOD AND APPARATUS FOR PROCESSING VIDEO AND GRAPHICS DATA | 12-07-2004 | <u>022083/0433</u> |
| 24 | 6885680 | 50227-3360 | METHOD FOR SYNCHRONIZING TO A DATA STREAM | 04-26-2005 | <u>022083/0433</u> |
| 25 | 6970206 | 50227-3370 | METHOD FOR DEINTERLACING INTERLACED VIDEO BY A GRAPHICS PROCESSOR | 11-29-2005 | <u>022083/0433</u> |
| 26 | 6988238 | 50227-3380 | A METHOD AND SYSTEM FOR HANDLING ERRORS AND A SYSTEM FOR RECEIVING PACKET STREAM DATA | 01-17-2006 | <u>022083/0433</u> |
| 27 | 6999424 | 50227-3390 | METHOD FOR DISPLAYING DATA | 02-14-2006 | <u>022083/0433</u> |
| 28 | 7724682 | 50227-3400 | METHOD AND SYSTEM FOR GENERATING TRANSPORT STREAM PACKETS | 05-25-2010 | <u>022083/0433</u> |
| 29 | 7376692 | 50227-3410 | METHOD AND SYSTEM FOR RECEIVING AND FRAMING PACKETIZED DATA | 05-20-2008 | <u>022083/0433</u> |
| 30 | 6785336 | 50227-3420 | METHOD AND SYSTEM FOR RETRIEVING ADAPTATION FIELD DATA ASSOCIATED WITH A TRANSPORT PACKET | 08-31-2004 | <u>022083/0433</u> |
| 31 | 6788309 | 50227-3430 | METHOD AND APPARATUS FOR GENERATING A VIDEO OVERLAY | 09-07-2004 | <u>022083/0433</u> |

| No. | Patent No | BD No. / TKHR No. | Patent Title | Issue Date | BD Assign't (Reel/Frame) |
|-----|-----------|-------------------|---|------------|------------------------------------|
| 32 | 6804266 | 50227-3450 | METHOD AND APPARATUS FOR HANDLING PRIVATE DATA FROM TRANSPORT STREAM PACKETS | 10-12-2004 | <u>022083/0433</u> |
| 33 | 7002899 | 50227-3460 | METHOD AND APPARATUS TO IMPROVE SCDMA HEADROOM | 02-21-2006 | <u>022083/0433</u> |
| 34 | 7580346 | 50227-3470 | METHOD AND APPARATUS TO IMPROVE SCDMA HEADROOM | 08-25-2009 | <u>022083/0433</u> |
| 35 | 7047330 | 50227-3480 | SYSTEM FOR DIGITAL STREAM TRANSMISSION AND METHOD THEREOF | 05-16-2006 | <u>022083/0433</u> |
| 36 | 7113546 | 50227-3490 | SYSTEM FOR HANDLING COMPRESSED VIDEO DATA AND METHOD THEREOF | 09-26-2006 | <u>022083/0433</u> |
| 37 | 7035293 | 50227-3500 | TONE RELAY | 04-25-2006 | <u>012102/0852</u> |
| 38 | 7130316 | 50227-3510 | SYSTEM FRAME BASED AUDIO SYNCHRONIZATION AND METHOD THEREOF | 10-31-2006 | <u>022083/0433</u> |
| 39 | 7956929 | 50227-3520 | VIDEO BACKGROUND SUBTRACTOR SYSTEM | 06-07-2011 | <u>017737/0324</u> |
| 40 | 7872688 | 50227-3530 | SELECTIVELY APPLYING SPOTLIGHT AND OTHER EFFECTS USING VIDEO LAYERING | 01-18-2011 | <u>017792/0938</u> |
| 41 | 7983335 | 50227-3540 | AVC I_PCM DATA HANDLING AND INVERSE TRANSFORM IN A VIDEO DECODER | 07-19-2011 | <u>017178/0612</u> |
| 42 | 7177522 | 50227-3550 | SYSTEM AND METHOD FOR PERSONAL VIDEO RECORDING | 02-13-2007 | <u>012260/0705</u> |
| 43 | 7373526 | 50227-3560 | SYSTEM AND METHOD FOR MANAGING POWER IN AN ASF SYSTEM | 05-13-2008 | <u>015360/0496</u> |
| 44 | 7738045 | 50227-3570 | FILM-MODE (3:2/2:2 PULLDOWN) DETECTOR, METHOD AND VIDEO DEVICE | 06-15-2010 | <u>022083/0433</u> |
| 45 | 7933328 | 50227-3580 | RATE CONTROL FOR DIGITAL VIDEO COMPRESSION PROCESSING | 04-26-2011 | <u>022083/0433</u> |
| 46 | 7924292 | 50227-3590 | DEVICE AND METHOD FOR REDUCING VISUAL ARTIFACTS IN COLOR IMAGES | 04-12-2011 | <u>022083/0433</u> |
| 47 | 7983632 | 50227-3600 | FEEDBACK CONTROL LOOP FOR AMPLITUDE MODULATION IN A POLAR TRANSMITTER WITH A TRANSLATIONAL LOOP | 07-19-2011 | <u>015906/0106</u> |
| 48 | 7092365 | 50227-3610 | VOICE AND DATA EXCHANGE OVER A PACKET BASED NETWORK WITH AGC | 08-15-2006 | <u>011157/0828</u> |